

08/810132



02/25/97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Canada et al.  
For: HAND HELD DATA COLLECTOR AND ANALYZER  
SYSTEM  
Filed: Herewith  
Attorney Docket: 48545.c1

#6  
Pre  
Amendment/B  
M. Butcher  
11/14/97

PRELIMINARY AMENDMENT  
TO THE ACCOMPANYING  
37 CFR 1.60 APPLICATION

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington DC 20231

Sir:

Prior to examination of the subject application, please enter the following  
amendments.

IN THE CLAIMS

- 31 (new). A data collector and analyzer system comprising:
- a vibration transducer for sensing vibration and for producing an analog vibration signal corresponding to the vibration;
  - a conditioning circuit for receiving and conditioning the analog vibration signal from the vibration transducer to produce a conditioned analog signal, and having;
    - (a) a filter for producing the conditioned analog signal having a desired frequency range;
    - (b) an amplifier for producing the conditioned analog signal at a desired amplitude;
    - (c) an analog to digital converter (ADC) for receiving and sampling the conditioned analog signal to produce a digital signal;
  - a data processor for processing the digital signal to produce desired digital data, the

B

08810132-022597

5

B1

10